

NON-RETURN BALL VALVES

non-return valve with full flow



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Description

A non-return ball valve is a valve that allows a flow of liquid or gas to pass in one direction, while preventing the medium from flowing in the opposite direction. This can be achieved by various types of constructions, including flaps, clappers, and rubbers. The major advantage of a non-return ball valve is that it is not affected by contaminated water. Whereas other valves can leak when exposed to contaminated water, the non-return ball valve is highly resistant to this. This is mainly due to its self-cleaning action. The non-return ball valve is constructed in a robust cast iron housing and can be used both horizontally and vertically.

Advantages

- o simple and sturdy construction
- o full flow thanks to ball retraction
- o designed for turbid, viscous and / or highly contaminated liquids
- o minimal pipe losses
- o vertical and horizontal application
- o series 508 for 1" to 2½"
- o series 418 for 2" to 8" (DN50 to DN200)
- o series 408 for 10" to 14" (DN250 to DN350)
- o low noise
- o dirt cannot cake

Specifications

508

- o connection: internal thread (BSP)
- o permitted pressure for liquids: 10 bar
- o permitted temperatures: -10 °C up to +80 °C
- o approvals: VERITAS and CE
- o seal: NBR
- o body: cast iron, epoxy coated
- o ball: phenol-formaldehyde resin

408 / 418

- o connection: flanges PN10 / PN16
- o permitted pressure for liquids: 10 bar
- o permitted temperatures: -10 °C up to +80 °C
- o approvals: VERITAS, DIBT-LGA and CE
- o seal: NBR
- o body: cast iron, epoxy coated
- o ball DN50 to DN100: cast iron + epoxy
- o ball DN125 to DN350: cast iron, NBR coated

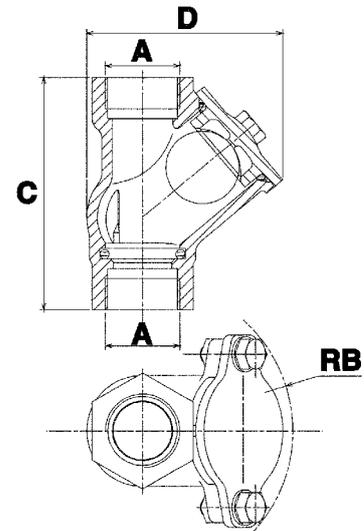
NON-RETURN BALL VALVE



Dimensions 508

DIMENSIONS 508						
A	RB	C	D	Kg	KV	
"	mm	mm	mm		m ³ /h	
1	26/34	76	114	1,3	19,6	
1¼	33/42	85	132	1,9	29,4	
1½	40/49	93	145	2,45	57,8	
2	50/60	107	173,5	3,5	78,3	
2½	66/76	127	200	5,9	110,4	

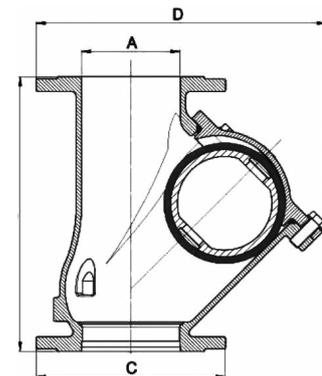
Type 508



Dimensions 408/418

DIMENSIONS 418						
A	B	C	D	Kg	KV	
"	mm	mm	mm		m ³ /h	
2	50	200	165	5,5	71,5	
2½	65	240	185	9,1	171,5	
3	80	260	200	13,3	217,5	
4	100	300	220	20,9	319	
5	125	350	250	27,5	744,9	
6	150	400	285	35,7	1133,7	
8	200	500	340	63,7	2766	
DIMENSIONS 408						
10 *	250	600	400	128,9	3307	
12 *	300	700	455	220,1	4115	
14 *	350	875	505	345,6	4850	

Type 418



* Type 408

Type 408

